Arken HX-40 Heat Pump Data Sheet

Product overview

The Arken HX-40 is an air to water heat pump for detached houses and small commercial buildings. It heats radiators, floor heating and domestic hot water from a single outdoor unit, and it keeps working down to an outdoor temperature of minus 25 degrees Celsius.

Key features

- Variable speed compressor that matches output to demand
- Quiet operation at 38 decibels at a distance of five metres
- Built in weather compensation with an outdoor sensor
- Remote control and energy reports through the Arken app
- Refrigerant with a low global warming potential

Technical specifications

Parameter	Value
Heating output range	4 to 12 kW
Seasonal efficiency, cold climate	4.1
Lowest operating temperature	minus 25 °C
Maximum flow temperature	65 °C
Sound pressure at 5 m	38 dB(A)
Refrigerant	R290
Weight, outdoor unit	96 kg
Power supply	400 V, 3 phase

Installation requirements

The outdoor unit needs a stable base and at least 30 centimetres of free space behind it for airflow. Place it where defrost water can drain away without forming ice on paths. The indoor module connects to the existing heating circuit and needs a dedicated electrical circuit.

Warranty and service

Arken gives a seven year warranty on the compressor and three years on all other parts, provided the system is installed by a certified installer and serviced every second year. Spare parts are available for at least twelve years after the last production date.

Ordering information

1. Choose the indoor module that fits your hot water needs.
2. Book a site survey with a certified installer.

3. Confirm the electrical capacity of the building.
4. Place the order through your installer.